AMENDMENT TO THE CLAIMS

1. (Currently Amended) A computer-implemented method for reducing coding errors prior to runtime in the context of a managed code execution environment, comprising:

   providing a developer with access to a plurality of managed code resources through a graphical user interface, the graphical user interface having a coding area, a tab, a file selection area, and a configuration area, the coding area receiving code input from the developer, the tab indicating a designation of a file that the developer is authoring, the file selection area enabling the developer to move between different files and projects, the configuration area enabling the developer to selectively activate or deactivate various programming tools, one of the various programming tools being a StringRes tool;

   utilizing a computer processor that is a ~~functional~~ component of the computer to verify that a resource identifier input by the developer corresponds to one of the plurality of managed code resources by:

   receiving from the developer a precursor to the resource identifier in the coding area;

   following the receipt of the precursor, receiving entry of an activation key from the developer in the coding area;

   initiating, based at least in part on receipt of entry of the activation key and the precursor, a response from the StringRes tool, the response including a drop-down menu that is located proximate the precursor in the coding area, the drop-down menu containing resource information that is valid for the precursor, the information arranged in a hierarchical fashion, the information including key names that correspond to elements;

   the developer navigating the drop-down menu and pausing on one of the key names;

   initiating, based at least in part on the pause, an appearance of a corresponding pop-up box, the pop-up box located proximate the

drop-down menu in the coding area, the drop-down menu being
located between the precursor and the pop-up box, the drop-down
menu including string and value information related to the one of
the key names;

receiving a selection from the developer of a second one of the key names;
and

automatically inserting, based at least in part on the selection, the one of
the plurality of managed code resources into a programming code,
the one of the plurality of manage code resources corresponding to
the second one of the key names, the programming code located in
the coding area.

2-3. (Cancelled)

4. (Previously Presented) The method of claim 12, wherein the activation key is selected
from the group consisting of a period, a space bar, and a left parenthesis.

5-11. (Cancelled)

12. (Previously Presented) The method of claim 1, further comprising:
        receiving from the developer an addition to the plurality of managed code
                resources, wherein the addition configures the managed code execution
                environment to accept a new resource input, wherein receiving the
                addition comprises:
        bringing up a menu of functional options by choosing a project in the file
                selection area;
        selecting an add new item function from the menu;
        bringing up a dialog box in response to the add new item function
                selection;

    .choosing a resource category and a sub-category to add a file to the

        project;

    adding information to the file, the information having the format

        "<keyName> = <value>"; and

    utilizing the file to generate a class in a child file of the file.

13-37. (Cancelled)

38. (New)   The method of claim 1, wherein receiving the precursor to the resource identifier further comprises receiving a programming code call.

39. (New)   The method of claim 1, wherein the activation key is a period.

40. (New)   The method of claim 1, wherein the activation key is a space bar.

41. (New)   The method of claim 1, wherein the activation key is a left paranthesis.

42. (New)   The method of claim 1, wherein initiating a response from the StringRes tool comprises making a string resource request to a resource manager.

43. (New)   The method of claim 1, wherein initiating a response from the StringRes tool comprises making a string resource request to a resource manager utilizing a "GetString (string KeyName)" call.

44. (New)   The method of claim 1, wherein providing the developer with access to the plurality of managed code resources comprises providing the developer with the access during design time.

45. (New)   The method of claim 1, wherein the configuration area enables the developer to set the StringRes tool to support either an automatically or manually triggered response.

46. (New)   The method of claim 1, wherein the configuration area enables the developer to disable the StringRes tool.

47. (New)   The method of claim 1, further comprising performing a build-time check on the programming code.

48. (New) The method of claim 47, wherein the build-time check comprises determining whether the one of the plurality of managed code resources has been addressed in error.

49. (New)   The method of claim 47, wherein the build-time check comprises comparing the one of the plurality of managed code resources to a collection of valid values.

50. (New)   The method of claim 47, further comprising identifying a resource error in the programming code.

51. (New)   The method of claim 50, further comprising presenting the resource error to the developer for correction.

52. (New)   The method of claim 51, wherein presenting the resource error to the developer comprises presenting the resource error to the developer through the graphical user interface.

53. (New)   The method of claim 52, wherein receiving the precursor to the resource identifier further comprises receiving a programming code call.

54. (New)   The method of claim 47, wherein providing the developer with access to the plurality of managed code resources comprises providing the developer with the access during design time.